

Remarks

In the outstanding Office Action, the Examiner has restricted the application to one invention under 35 U.S.C. §121.

Claims 1-38 were originally presented for Examination. Claims 12-38 have been cancelled by way of the present response. Claims 1-11 are currently pending, of which, claim 1 is in independent form. Favorable consideration of the present Response as currently constituted is respectfully requested.

Restriction Requirement

The Examiner has restricted the application to one invention under 35 U.S.C. §121. Specifically, the Examiner has identified the following three inventions:

- I. Claims 1-11, drawn to a seal with nanomaterial in a host polymer, classified in class 227, subclass 935;
- II. Claims 12-29, drawn to two downhole components with a groove between having a seal, classified in class 277, subclass 336; and
- III. Claims 30-38, drawn to a seal for an annulus of a wellbore, classified in class 166, subclass 179.

The applicant has elected the claims of invention I; namely, claims 1-11 and has cancelled the claims of inventions II and III; namely, claims 12-29 and claims 30-38.

Fee Statement

Compared to the initial filing, in the present Response, the number of independent claims has been reduced and the total number of claims has been reduced. Applicant believes no fees are due for the filing of this Response. If any additional fees are due or overpayment have been made, please charge or credit, our Deposit Account No. 03-1130.

Conclusion

In view of the foregoing, the Examiner is respectfully requested to examine and allow claims 1-11 presented for consideration herein. Accordingly, a favorable action in the form of an early notice of allowance is respectfully requested. The Examiner is requested to call the undersigned for any reason that would advance the instant application to issue.

Dated this 2nd day of January, 2006.

Respectfully submitted:



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